查询RF-0505D供应商

ECONOLINE - DC/DC-Converter

RF Series, 1.25 Watt, DIP8 (Single & Dual Output)

RECOM

Features

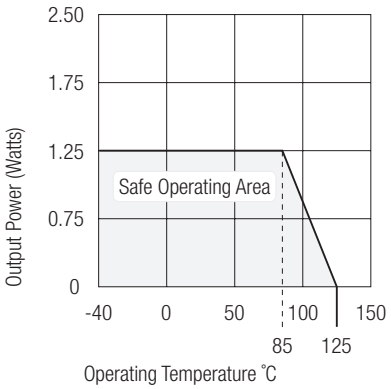
- Industry Standard Pinout
- 1kVDC & 2kVDC Isolation
- No Heatsink Required
- No Extern. Components Required
- Custom Solutions Available
- UL94V-0 Package Material

Selection Guide

Part Number DIP 8		Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency (%)
RF-XX3.3S	(H)	3.3, 5, 9, 12, 15, 24	3.3	378	70
RF-XX05S	(H)	3.3, 5, 9, 12, 15, 24	5	250	70
RF-XX09S	(H)	3.3 5, 9, 12, 15, 24	9	140	78
RF-XX12S	(H)	3.3, 5, 9, 12, 15, 24	12	104	79
RF-XX15S	(H)	3.3, 5, 9, 12, 15, 24	15	84	80
RF-XX24S	(H)	3.3, 5, 9, 12, 15, 24	24	52	80
RF-XX3.3D	(H)	3.3, 5, 9, 12, 15, 24	±3.3	189	70
RF-XX05D	(H)	3.3, 5, 9, 12, 15, 24	±5	±125	70
RF-XX09D	(H)	3.3, 5, 9, 12, 15, 24	±9	±70	75
RF-XX12D	(H)	3.3, 5, 9, 12, 15, 24	±12	±52	78
RF-XX15D	(H)	3.3, 5, 9, 12, 15, 24	±15	±42	80
RF-XX24D	(H)	3.3, 5, 9, 12, 15, 24	±24	±26	80

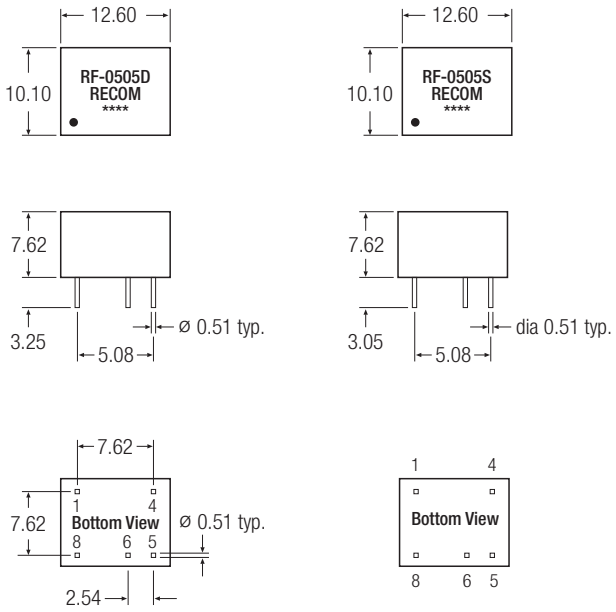
Specifications (Core Operating Area) and Operating Temperature / Derating-Graph

Input Voltage		±10%
Input Filter		Capacitor Type
Output Voltage Accuracy		±5%
Line Voltage Regulation		1,2%/1% V Input
Load Voltage Regulation (10% to 100% full load)	3.3V output types 5V output type 9V, 12V, 15V, 24V output types	20% max. 15% max. 10% max.
Ripple and Noise (20MHz limited)		100mVp-p max.
Efficiency at Full Load		70% min.
Isolation Voltage		1.000VDC min. (also available with 2.000VDC, Suffix „H“)
Isolation Resistance (Viso = 500VDC)		10 GΩ min.
Isolation Capacitance		30pF min./80pF max.
Short Circuit Protection		1 Second
Switching Frequency at Full Load		100kHz typ.
Operating Temperature		–40°C to +85°C (see Graph)
Storage Temperature		-55°C to +125°C
Package Weight	Single output types Dual output types	1.8g 1.9g

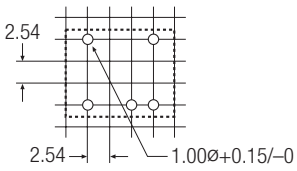


Package Style and Pinning (mm)

8 PIN DIP Package



Recommended Footprint Details



Pin Connections

Pin #	Single	Dual
1	–Vin	–Vin
4	+Vin	+Vin
5	+Vout	+Vout
6	NC	Com
8	–Vout	–Vout

NC = No Connection

XX.X ± 0.5 mm
XX.XX ± 0.25 mm